

Title (en)

Process for preparing polyurethane compositions emitting reduced amounts of toxic fumes on burning.

Title (de)

Verfahren zur Herstellung von Polyurethan-Zusammensetzungen mit verminderter Emission toxischen Rauchs beim Verbrennen.

Title (fr)

Procédé de préparation des compositions de polyuréthane à émission réduite de fumées toxiques à la combustion.

Publication

**EP 0010931 A1 19800514 (EN)**

Application

**EP 79302337 A 19791025**

Priority

- US 7792179 A 19790928
- US 95589978 A 19781030

Abstract (en)

A process of forming polyurethane compositions which emit reduced amounts of toxic smoke on burning is described. The process comprises reacting a mixture of an organic compound having two or more active hydrogen atoms, an organic polyfunctional isocyanate, a catalyst and at least one metal salt of an aliphatic or alicyclic monocarboxylic acid wherein the metal is cobalt, copper, nickel or manganese. The metal salt is added to the mixture in an amount which is sufficient to reduce the formation of toxic substances when the polyurethane is ignited.

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**C08K 5/098** (2006.01)

CPC (source: EP US)

**C08K 5/09** (2013.01 - EP US); **C08K 5/098** (2013.01 - EP US)

Citation (search report)

- [X] US 3450648 A 19690617 - WINDEMUTH ERWIN, et al
- US 3951822 A 19760420 - BROWN JASPER H, et al

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EP3862375A1; WO2021160556A1; EP0190317A4; EP0173888A1; EP0250717A1

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